

U.S. Rural electrification administration.  
Report of progress of generating-trans-  
mission cooperative program.

Reserve

1.933  
R292

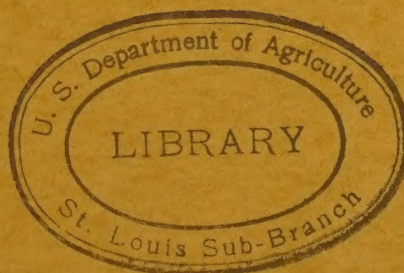
REPORT  
OF  
PROGRESS OF GENERATING-TRANSMISSION  
COOPERATIVE PROGRAM

RURAL ELECTRIFICATION ADMINISTRATION

Applications and Loans Division

September 26, 1941.

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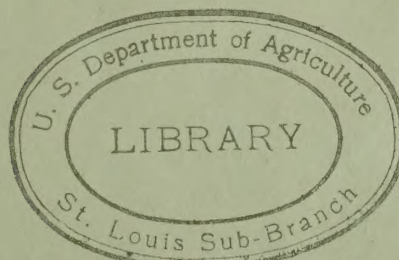
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REPORT  
OF  
PROGRESS OF GENERATING-TRANSMISSION  
COOPERATIVE PROGRAM

Rural Electrification Administration

Application and Loans Division

September 26, 1941



RURAL ELECTRIFICATION ADMINISTRATION  
Library





## REPORT

OF

## PROGRESS OF GENERATING-TRANSMISSION

PROJECT IDENTIFICATION: 433 JONESNAME: **COOPERATIVE PROGRAM**  
Jones-Chalaw Electric  
Membership Corporation

ADDRESS: Jacksonville, North Carolina

CORRESPONDENT: Mr. E. B. Smith, President

COOPERATIVE: North Carolina 43 Jones  
Ultimately will serve:  
North Carolina 58 Pamlico  
North Carolina 55 CravenDEFENSE ITEMS: Two Marine bases  
Defense HousingTYPE OF POWER: Steam and Diesel  
**Rural Electrification Administration**

TOTAL ESTIMATED COST: \$1,805,000

ESTIMATED DEMAND: Naval Bases 5,000 kw  
RRA Project 1,000 kw  
Milit. Defense Loan 1,500 kw  
Total 7,500**Application and Loans Division**INSTALLATION: (a) A complete steam plant consisting  
September 26, 1941 of 2 - 5000 kw Turbines, with  
generators, boilers, etc.(b) A diesel Oil Plant, consisting of  
2 - 2000 HP Diesel Units purchased  
from Tonopah, Nevada, being moved**RURAL ELECTRIFICATION ADMINISTRATION**(c) Library  
30 miles of 55 KV transmission line  
interconnecting the two plants.J. E. Varnum, Treasurer, North Carolina  
John D. Warrington, Sec. 22, Jacksonville



7-11-44

REPORT  
OF  
PROGRESS OF GENERATING-TRANSMISSION  
COOPERATIVE PROGRAM

Rural Electrification Administration

Application and Loans Division

September 26, 1944

RURAL ELECTRIFICATION ADMINISTRATION  
Library



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(4) A 110 KV transmission line of 3000 KW to connect with Tidewater Power Co.

REGION 1

2 - 4500 KW - 35 KV to 7.2 KV substations to serve Marine Base and REA Project.

(2) 1-5000 KW - 66 to 33 KV

PROJECT DESIGNATION:

NORTH CAROLINA 43G JONES

NAME:

Jones-Onslow Electric Membership Corporation

ADDRESS:

Jacksonville, North Carolina

CORRESPONDENT:

Mr. E. B. Smith, President

COOPERATIVE:

North Carolina 43 Jones  
Ultimately will serve:  
North Carolina 56 Pamlico  
North Carolina 55 Craven

DEFENSE ITEMS:

Two Marine bases  
Defense Housing

TYPE OF POWER:

Steam and Diesel

TOTAL ESTIMATED COST:

\$1,805,000

ESTIMATED DEMAND:

Naval Bases	5,000 kw
REA Project	1,000 kw
Miscel. Defense Loan	1,500 kw
Total	7,500

INSTALLATION:

(a) A complete steam plant consisting of 2 - 5000 kw Turbines, with generators, boilers, etc.

(b) A diesel Oil Plant, consisting of 2 - 2000 HP Diesel Units purchased from Tonopah, Nevada, being moved and re-erected

(c) 50 miles of 33 KV transmission line interconnecting the two plants.

J. K. Warren, Trenton, North Carolina  
John D. Wartick, Box 25, Jacksonville, North Carolina

Warlick

FEB 11 '46



SECTION 1

PROJECT DESIGNATION: NORTH CAROLINA 433 JONES

NAME: Jones-Galloway Electric Membership Corporation

ADDRESS: Jacksonsville, North Carolina

CORRESPONDENT: Mr. E. B. Smith, President

COOPERATIVE: North Carolina 433 Jones  
Ultimately will serve:  
North Carolina 58 Families  
North Carolina 55 Craven

DEFENSE ITEMS: Two Marine bases  
Defense Housing

TYPE OF POWER: Steam and Diesel

TOTAL ESTIMATED COST: \$1,805,000

ESTIMATED DEMAND:

Naval Base	5,000 kw
REA Project	1,000 kw
Miscel. Defense Loan	1,500 kw
Total	7,500

INSTALLATION:

(a) A complete steam plant consisting of 2 - 5000 kw Turbines, with generators, boilers, etc.

(b) A diesel oil plant, consisting of 2 - 5000 HP Diesel Units purchased from Tonopah, Nevada, being moved and re-erected

(c) 50 miles of 33 KV transmission line interconnecting the two plants.



(d) A 110 KV transmission line of 3000 KW to connect with Tidewater Power Co.

REGION 1

(e) 2 - 4500 KW - 33 KV to 7.2 KV substations to serve Marine Base and REA Project.

PROJECT DESIGNATION:

VIRGINIA

NAME:

(f) 1-3000 KW - 66 to 33 KV substation to step-up voltage at Diesel plant.

ADDRESS:

Blackstone, Virginia

CORRESPONDENT:

(g) 2 Mobile Diesel Plants  
Mr. Frank H. White, President

INSTALLED CAPACITY:

Virginia 27 Hottoway

(Excluding mobile units)

29 Nelson

Less one large unit:

13,000KW 31 Macklenburg

5,000KW 36 Prince George

37 Hansemond

FIRM CAPACITY OF

SYSTEM: ITEMS:

8,000 KW

Power Shortage

COST OF FUEL:

Diesel Fuel Oil  
(Heavy)

Combination Steam and Diesel Plant

3¢ per gal.

Coal ESTIMATED COST:

\$5.00 per ton

1,103,000 Transmission Line

OPERATION:

The steam plant will carry a base load as much as possible with the Diesel plant taking the peaks and variable portions of the load.

INSTALLATION:

ESTIMATED COST OF ENERGY

LF-%	KW	Gen. KWH/Mo.	KWH Delv'd	Op. Cost Month	Fixed Charges	Total Costs	Cost/KWH Delv'd
30	7500	1,720,000	1,460,000	11,185	12,000	23,185	1.63
40	"	2,160,000	1,820,000	12,250	12,000	24,250	1.33
50	"	2,700,000	2,400,000	12,585	12,000	24,585	1.02
60	"	3,240,000	2,740,000	12,380	12,000	25,380	.93

COST OF FUEL:

Coal from West Virginia field

J. K. Warren, Trenton, North Carolina and

John D. Wartick, Box 25, Jacksonville, North Carolina

Warlick

Heat content 14,000 BTU  
available at  
Blackstone for \$4.00/Ton or less.



- (d) A 110 KV transmission line of 3000 KW to connect with Tidewater Power Co.
- (e) 2 - 4500 KW - 33 KV to 7.2 KV substation to serve Marine Base and REA Project.
- (f) 1-3000 KW - 66 to 33 KV substation to step-up voltage at Diesel plant.
- (g) 2 Mobile Diesel Plants

INSTALLED CAPACITY:  
(Excluding mobile units)  
Less one large unit:

12,000 KW  
5,000 KW  
7,000 KW

FIRM CAPACITY OF SYSTEM:

COST OF FUEL:  
Diesel Fuel Oil  
(Heavy)  
Coal

3¢ per gal.  
\$5.00 per ton

OPERATION:

The steam plant will carry a base load as much as possible with the Diesel plant taking the peaks and variable portions of the load.

ESTIMATED COST OF ENERGY

LR-4	KW Gen. No.	KWH Del'd	Op. Cost Month	Fixed Charges	Total Costs	Cost/KWH Del'd
30	7500	1,720,000	1,480,000	12,000	23,185	1.35
40	"	2,160,000	1,820,000	12,000	24,320	1.33
50	"	2,700,000	2,400,000	12,000	24,385	1.08
60	"	3,240,000	2,740,000	12,000	25,380	.93

John D. Wetherick, Box 25, Jacksonville, North Carolina  
J. K. Warren, Trenton, North Carolina and  
Wetherick



REGION 1

PROJECT DESIGNATION: VIRGINIA 42G BRUNSWICK

NAME: Eastern Generating Electric  
Cooperative

ADDRESS: Blackstone, Virginia

CORRESPONDENT: Mr. Frank H. White, President

MEMBER COOPERATIVES: Virginia 27 Nottoway  
29 Nelson  
31 Mecklenburg  
36 Prince George  
37 Nansemond

DEFENSE ITEMS: Army Cantonment  
Power Shortage

TYPE OF POWER: Combination Steam and Diesel Plant

TOTAL ESTIMATED COST: \$1,545,000 Generating Plant  
1,105,000 Transmission Line  
2,650,000 Total

INSTALLATION: (a) Plant Capacity 12,000 KW  
(3000 KW Diesel)  
(9000 KW Steam)

(b) 215 miles of 44,000 volt  
transmission line

(c) 15,500 kva of substation  
capacity required to serve  
five member cooperatives  
and the Army load.

AVAILABILITY OF  
WATER: Proposed Army Dam -  
*Nottoway River*

COST OF FUEL: Coal from West Virginia field  
with heat content 14,000 BTU  
will probably be available at  
Blackstone for \$4.00/Ton or less.







ANNEX II  
ESTIMATED COST OF ENERGY

Based on ultimate loads and costs, wholesale power can be delivered for approximately 8.5 mills per kwh with the Army Camp in use. Without the Army load power can be delivered for 9.5 to 10 mills.

Present cost of energy for Virginia 27, 29, and 31 is between 1.0 and 1.3 cents. Virginia 36 and 37 are operating mobile diesel plants at a cost of over 2 cents.

**PRESENT STATUS:** Awaiting Army Cantonment Contract

Copeland E. Adams, Blackstone, Virginia



Every local power was delivered too late to arrive  
any later with the same delay. Without this  
power was delivered to the local power was  
delivered to the local power and the local power

1. The following information was received from the  
2. Bureau of the Census, Washington, D.C. on 11/11/50  
3. regarding the operation of the Census Bureau's  
4. Statistical Research Division, Washington, D.C.  
5. on 11/11/50.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.







**SUMMARY**

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*[Illegible text]*

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THE CHAIRMAN

1. *Journal of the American Medical Association*, 1964; 191: 1001-1002.

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...now being made.

RECEIVED  
JAN 10 1964  
U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C.

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REGION II

PROJECT DESIGNATION: SOUTH CAROLINA 42G

NAME: SOUTH CAROLINA ELECTRIC  
COOPERATIVE

ADDRESS: Chesterfield, South Carolina

CORRESPONDENT: James E. Leppard

MEMBER COOPERATIVES: South Carolina 16 York  
Alabama 22 Fairfield  
21 Lancaster  
38 Lexington  
32 Calhoun  
14 Aiken  
36 Barnwell  
23 Dorchester  
30 Colleton  
40 Hampton  
31 Horry  
24 Marion  
27 Marlboro  
36 Darlington  
29 Sumter  
28 Williamsburg

DEFENSE ITEMS: Power shortage

TYPE OF POWER: Transmission only - Hydro Power  
from Santa Cooper Development

TOTAL ESTIMATED COST: \$2,500,000

PRESENT STATUS: \$750,000 Partial allotted

REMARKS: Engineering study being made by  
McCrary Engineering Firm in  
collaboration with South Carolina  
Public Service Authority





REGION III

PROJECT DESIGNATION: KENTUCKY 590 FAYETTE

NAME: East Kentucky Rural Electric  
Cooperative, Inc.

ADDRESS: Danville, Kentucky

CORRESPONDENT: J. V. SWAIN

MEMBER COOPERATIVES: Kentucky 3 Jackson  
21 Nelson  
23 Taylor  
27 Boyle  
30 Shelby  
40 Jessamine  
45 Anderson  
46 Harrison  
49 Clark  
52 Fleming  
54 Wayne  
37 Owen

DEFENSE ITEMS: Shell Loading Plant  
Wolf Creek Dam construction.

TYPE OF POWER: Steam Plant

TOTAL ESTIMATED COST: \$3,000,000

PROPOSED LOCATION  
OF PLANT: Near Richmond  
on Kentucky River

FUEL: Coal (trucking distance of plant)

COST OF FUEL: \$1.55 per ton for Nut and Slack  
at mines  
\$2.00 per ton delivered.

CONSUMPTION: REA Cooperatives now using over  
955,000 KWH/mo. Ultimate  
estimated consumption of coopera-  
tives 5,655,729 KWH/mo.

E. C. Newlin, Danville, Ky. (principal), and  
J. M McIntire, Flemingsburg, Ky, (assoc.)



THE UNIVERSITY OF CHICAGO

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REGION III

PROJECT DESIGNATION: KENTUCKY 60G HOPKINS

NAME: Ohio Valley Rural Electric  
Cooperative

ADDRESS: Henderson, Kentucky

CORRESPONDENT: John Hardin

MEMBER COOPERATIVES: Kentucky 18 Meade  
20 McCracken  
26 Todd  
34 Barren  
35 Warren  
50 Graves  
51 Hardin  
55 Henderson-Union

DEFENSE ITEMS: Shell loading plant.

TYPE OF POWER: Steam

TOTAL ESTIMATED COST: \$2,000,000

PRESENT STATUS: Engineering study received.

REMARKS: Engineer employed:  
Ray W. Chanaberry & Company  
Louisville, Kentucky

Pentecost & Dorsey, Henderson, Kentucky



# STATE OF KANSAS

<p>STATE OF KANSAS          DEPARTMENT OF REVENUE          OFFICE OF THE COMMISSIONER          TOBEY BUILDING          TOPEKA, KANSAS</p>	<p>TO THE HONORABLE          SENATE OF THE STATE OF KANSAS          IN SENATE CHAMBERS          TOPEKA, KANSAS</p>
<p>REPORT          OF THE          COMMISSIONER OF REVENUE          FOR THE YEAR          1911</p>	<p>PRINTED BY          THE KANSAS STATE PRINTING PLANT          TOPEKA, KANSAS</p>

WILLIAM A. BERRY, Printer, Topeka, Kansas

REGION III

PROJECT DESIGNATION: MISSISSIPPI 53G COVINGTON

NAME: South Mississippi Electric  
Power Association

ADDRESS: Collins, Mississippi

CORRESPONDENT: Evan Ford  
Tylorsville, Mississippi  
O. L. Watson, President  
Collins, Mississippi

MEMBER COOPERATIVES: Mississippi 28 Hancock  
30 Jones  
36 Marion  
39 Jackson  
40 Smith  
41 Pike  
45 Clark-Lauderdale

DEFENSE ITEMS: Proposed army camp  
Proposed shell loading plant

TYPE OF POWER: Diesel - Gas

TOTAL ESTIMATED COST: \$2,100,000

TRANSMISSION LINES: 350 miles

PLANT CAPACITY: Ultimate 12,500 KW  
(5 - 2500 KW Units)

COST OF ENERGY: .8¢ per KWH at individual  
substations.

PRESENT STATUS: Allotment papers in Administrator's Office

REMARKS: Engineer employed  
Gibbs & Hill  
New York City

Evan A. Ford, Tylorsville, Mississippi



GENERAL

MEMORANDUM FOR THE DIRECTOR

Subject: [Illegible]

Reference is made to [Illegible]

It is requested that [Illegible]

Very respectfully,  
[Illegible]

[Illegible]

[Illegible]

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Very truly yours,  
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REGION III

PROJECT DESIGNATION: MISSISSIPPI 54G SUNFLOWER

NAME: Northwest Mississippi Electric  
Power Association

ADDRESS: Greenwood, Mississippi

CORRESPONDENT: Lake Roberson  
Clarksdale, Mississippi

MEMBER COOPERATIVES: Mississippi 20 Yazoo  
21 Coahoma  
31 Washington  
34 LeFlore

DEFENSE ITEMS: Airport

TYPE OF POWER: Gas

TOTAL ESTIMATED COST: \$1,250,000

TRANSMISSION LINES: 135 miles  
(10,000 KW)

PRESENT STATUS: Engineering report received.

REMARKS: Engineer employed  
Bowman & Bowman  
Greenwood, Mississippi

Wm. Hardy Lett ( Principal attorney)  
Whittington Building, Greenwood, Mississippi  
-and-  
Lake Roberson, (Assoc. attorney)  
Clarksdale, Mississippi





REGION IV

PROJECT DESIGNATION: MICHIGAN 45G CASS

NAME: Fruit Belt Electric  
Cooperative, Inc.

ADDRESS: Cassopolis, Michigan

CORRESPONDENT: Robert Thompson

COOPERATIVE: Michigan 45 Cass

DEFENSE ITEMS: None

TYPE OF POWER: Diesel

TOTAL ESTIMATED COST: \$270,000

ESTIMATED COST OF  
ENERGY: 1.05/kwh

PRESENT STATUS: \$145,000 allotted.

REMARKS: \$125,000 on order

In operation.

Robert L. Herdick  
Billsboro Bank Building  
Billsboro, Ohio

William L. Fitzgerald  
219 W. Lovell Street  
Kalamazoo, Michigan





REGION IV

PROJECT DESIGNATION: OHIO 29G PIKE

NAME: Inter-County Rural Electric  
Cooperative, Inc.  
Cooperative, Inc.

ADDRESS: Hillsboro, Ohio  
Gallipolis, Ohio

CORRESPONDENT: Harry Carter  
John Carter, Superintendent

COOPERATIVES: Ohio 94 Adams

DEFENSE ITEMS: None

TYPE OF POWER: Diesel  
Diesel

TOTAL ESTIMATED COST: \$340,000  
\$340,000

CAPACITY: 2,250 KW

ESTIMATED COST OF  
ENERGY: .987/KWH

PRESENT STATUS: \$340,000 recommended for all  
Recommended for allotment.

Robert L. McBride  
Hillsboro Bank Building  
Hillsboro, Ohio  
John B. McBride  
86 Locust Street  
Gallipolis, Ohio



# TABLE

NAME	RESIDENCE
Mr. J. H. Smith	123 Main St.
Mr. W. B. Jones	456 Oak St.
Mr. C. D. Brown	789 Elm St.
Mr. E. F. Green	101 Pine St.
Mr. G. H. Black	202 Cedar St.
Mr. I. J. White	303 Birch St.
Mr. K. L. Gray	404 Spruce St.
Mr. M. N. Hall	505 Willow St.
Mr. O. P. King	606 Ash St.
Mr. Q. R. Lee	707 Hickory St.
Mr. S. T. Young	808 Walnut St.
Mr. U. V. Adams	909 Chestnut St.
Mr. W. X. Baker	1010 Maple St.

Printed by the  
City of New York  
1910

REGION IV

**PROJECT DESIGNATION:** OHIO 88G GALLIA

**NAME:** Buckeye Rural Electric  
Cooperative, Inc.

**ADDRESS:** Gallipolis, Ohio

**CORRESPONDENT:** John Lusher, Superintendent

**COOPERATIVES:** Ohio 88 Gallia

**DEFENSE ITEMS:** None

**TYPE OF POWER:** Diesel

**TOTAL ESTIMATED COST:** \$250,000

**ESTIMATED COST OF  
ENERGY:** 1.01/kwh

**PRESENT STATUS:** \$250,000 recommended for allotment.

**REMARKS:**

John E. Halliday  
26 Locust Street  
Gallipolis, Ohio





REGION IV

PROJECT DESIGNATION: WEST VIRGINIA LOG HARRISON

NAME: Harrison Rural Electrification Association

ADDRESS: Clarksburg, West Virginia

CORRESPONDENT  
COOPERATIVE: Roy Cork  
Project Superintendent  
West Virginia 10 Harrison

DEFENSE ITEMS: None

TYPE OF POWER: Steam

TOTAL ESTIMATED COST: \$500,000

COST OF FUEL: Coal - \$1.50/ton delivered.

PRESENT STATUS: \$200,000 allotted June 27, 1941.  
Hearing before Public Service Commission August 11, 1941

Ronald F. Moist  
Clarksburg, W. Va.

# REPORT

REPORT FOR THE YEAR	CONTINUING YEAR
1911	1912
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REPORT FOR THE YEAR  
1911



REGION V

PROJECT DESIGNATION: ILLINOIS 49G FRANKLIN

NAME: Franklin

ADDRESS: Franklin, Illinois, 1949

CORRESPONDENT: Franklin, Illinois

COOPERATIVES: Illinois 43 Pulaski  
37 Saline  
34 Jackson  
31 Monroe  
45 Clinton  
41 Jefferson  
2 Wayne  
46 Madison  
40 Macoupin  
36 Jasper

DEFENSE ITEMS: Power shortage  
Oil wells - TVA tie-up  
Coal fields

TOTAL ESTIMATED COST: Not set up

TYPE OF POWER: In operation  
\$100,000 allotted for plant

TOTAL ESTIMATED COST: Not set up

PRESENT STATUS: Not set up

REMARKS:

Carl F. Wilson  
400 Valley Bank Building  
Van Moline, Iowa



REGION V

PROJECT DESIGNATION: IOWA 47G FRANKLIN

NAME: Federated Cooperative Power  
Association

ADDRESS: Hampton, Iowa

CORRESPONDENT: Arthur Oliphant, Superintendent

COOPERATIVES: Iowa 30 Franklin  
31 Butler  
32 Grundy  
36 Wright  
41 Hancock  
49 Hardin

DEFENSE ITEMS:

POWER SOURCE: Diesel

TOTAL ESTIMATED COST:

PRESENT STATUS: In operation  
\$180,000 allotted for plant  
expansion

REMARKS:

Earl F. Wisdom  
615 Valley Bank Building  
Des Moines, Iowa



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• *Journal of the American Medical Association*, 1964; 191: 100-101.

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UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WASHINGTON, D. C. 20250

REGION V

PROJECT DESIGNATION: IOWA 48G POCAHONTAS

NAME: Central Electric Cooperative Association

ADDRESS: Pocahontas, Iowa

CORRESPONDENT: Raymond B. Debbs, Superintendent

COOPERATIVES: Iowa 14 Humboldt  
27 Buena Vista  
33 Calhoun  
38 Pocahontas  
67 Sac

DEFENSE ITEMS:

TYPE OF POWER: Diesel

TOTAL ESTIMATED COST:

PRESENT STATUS: In operation  
\$250,000 allotted for plant expansion.

REMARKS:

R. L. Hudson  
Pocahontas, Iowa

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biochemicals, 2001, 23, 200-201

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**Abstract**

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REGION V

PROJECT DESIGNATION: IOWA 81G UNION

NAME: Southwestern Power Cooperative

ADDRESS:

CORRESPONDENT: M. G. Kellam

COOPERATIVES: Iowa 75 Adair  
19 Adams  
79 Clark  
80 Ringgold

DEFENSE ITEMS: Power shortage

TYPE OF POWER: Fuel oil or Gas - Diesel

TOTAL ESTIMATED COST: \$370,000

ESTIMATED COST OF ENERGY: Oil Diesel - 9.23 mills  
Gas Diesel - 8.03 mills

PRESENT STATUS: Incorporated

REMARKS: Preliminary engineering study  
made by K. R. Brown Engineering  
Co. Valley National Bank Bldg.,  
Des Moines, Iowa

Mariam G. Kellam  
Greenfield, Iowa

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REGION V

PROJECT DESIGNATION: WISCONSIN 45G CHIPPEWA

NAME: Wisconsin Power Cooperative

ADDRESS: Chippewa Falls, Wisconsin

CORRESPONDENT: E. B. Wayte, Superintendent

COOPERATIVES: Wisconsin 19 Chippewa  
21 Taylor  
27 Buffalo  
29 Clark  
32 Pierce  
37 Trempealeau  
47 Jackson  
49 Dunn  
51 St. Croix  
53 Eau Claire  
54 Burnett

DEFENSE ITEMS:

TYPE OF POWER: Diesel

TOTAL ESTIMATED COST:

PRESENT STATUS: In operation

REMARKS:

*Wheeler & Mehlhouse*  
Maloney, Wheeler & Mehlhouse  
1 West Main Street  
Madison, Wisconsin



1. *Chrysomelidae*

APPROXIMATE ESTIMATES OF THE NUMBER OF PERSONS

[illegible]

SECRET

1. *Chlorophyll a* (Chl *a*) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum.

DATE OF RECEIPT: 12/15/2000

Oct 23

01-22-76

1. *Chlorophyll a*

8. 10. 1992

22. *Chrysomelidae* 10

1904

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*Journal of Management Education* 26(7)

1. The first part of the paper is devoted to a review of the literature on the topic. It starts with a brief overview of the general theory of the firm, followed by a more detailed discussion of the specific issues related to the topic. The second part of the paper is devoted to a review of the empirical literature on the topic. It starts with a brief overview of the general theory of the firm, followed by a more detailed discussion of the specific issues related to the topic. The third part of the paper is devoted to a review of the empirical literature on the topic. It starts with a brief overview of the general theory of the firm, followed by a more detailed discussion of the specific issues related to the topic.

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*Journal of Management Education* 30(6)

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1911

REGION V

PROJECT DESIGNATION: WISCONSIN 56G CRAWFORD  
NAME: Tri-State Power Cooperative  
ADDRESS: La Crosse, Wisconsin  
CORRESPONDENT: John N. Gundershaug, Manager

COOPERATIVES: Wisconsin 25 Monroe  
35 Richland  
41 Vernon  
43 Grant  
46 Lafayette  
52 Crawford  
55 Adams  
Minneso. 32 Fillmore  
59 Olmstead  
61 Freeborn  
Iowa 52 Howard  
57 Mitchell  
74 Allamakee

DEFENSE ITEMS:

TYPE OF POWER: Steam

TOTAL ESTIMATED COST:

PRESENT STATUS: In operation

Remarks:

Samuel H. Hall

No attorney approved, but Maloney handling work.

Maloney, Wheeler & Muhlhouse  
1 West Main Street  
Madison, Wisconsin





REGION VI

PROJECT DESIGNATION: MINNESOTA 98G POPE

NAME: Western Minnesota Power  
Cooperative

ADDRESS: Benson, Minnesota

CORRESPONDENT: Clifford Hove  
Alexandria, Minnesota

COOPERATIVES: Minnesota 18 Douglas  
39 Chippewa  
57 Ottertail  
79 Big Stone  
80 Lincoln  
84 Traverse  
85 Todd

DEFENSE ITEMS: Not yet determined.

TYPE OF POWER:

TOTAL ESTIMATED COST: \$1,500,000

PRESENT STATUS: Written up for Allotment

REMARKS:

Kenneth H. Dell  
Alexandria, Minnesota

# ANNEX 1

|   |   |
|---|---|
| 1. Name of the person or organization       | 2. Address                                |
| 3. Date of birth or date of establishment   | 4. Date of death or date of liquidation   |
| 5. Place of birth or place of establishment | 6. Place of death or place of liquidation |
| 7. Nationality                              | 8. Occupation                             |
| 9. Education                                | 10. Social status                         |
| 11. Marital status                          | 12. Number of children                    |
| 13. Date of marriage                        | 14. Date of divorce                       |
| 15. Date of death                           | 16. Date of burial                        |
| 17. Date of cremation                       | 18. Date of interment                     |
| 19. Date of exhumation                      | 20. Date of reinterment                   |
| 21. Date of identification                  | 22. Date of identification                |
| 23. Date of identification                  | 24. Date of identification                |
| 25. Date of identification                  | 26. Date of identification                |
| 27. Date of identification                  | 28. Date of identification                |
| 29. Date of identification                  | 30. Date of identification                |
| 31. Date of identification                  | 32. Date of identification                |
| 33. Date of identification                  | 34. Date of identification                |
| 35. Date of identification                  | 36. Date of identification                |
| 37. Date of identification                  | 38. Date of identification                |
| 39. Date of identification                  | 40. Date of identification                |
| 41. Date of identification                  | 42. Date of identification                |
| 43. Date of identification                  | 44. Date of identification                |
| 45. Date of identification                  | 46. Date of identification                |
| 47. Date of identification                  | 48. Date of identification                |
| 49. Date of identification                  | 50. Date of identification                |
| 51. Date of identification                  | 52. Date of identification                |
| 53. Date of identification                  | 54. Date of identification                |
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| 59. Date of identification                  | 60. Date of identification                |
| 61. Date of identification                  | 62. Date of identification                |
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| 67. Date of identification                  | 68. Date of identification                |
| 69. Date of identification                  | 70. Date of identification                |
| 71. Date of identification                  | 72. Date of identification                |
| 73. Date of identification                  | 74. Date of identification                |
| 75. Date of identification                  | 76. Date of identification                |
| 77. Date of identification                  | 78. Date of identification                |
| 79. Date of identification                  | 80. Date of identification                |
| 81. Date of identification                  | 82. Date of identification                |
| 83. Date of identification                  | 84. Date of identification                |
| 85. Date of identification                  | 86. Date of identification                |
| 87. Date of identification                  | 88. Date of identification                |
| 89. Date of identification                  | 90. Date of identification                |
| 91. Date of identification                  | 92. Date of identification                |
| 93. Date of identification                  | 94. Date of identification                |
| 95. Date of identification                  | 96. Date of identification                |
| 97. Date of identification                  | 98. Date of identification                |
| 99. Date of identification                  | 100. Date of identification               |

Prepared by: [Name]  
 Date: [Date]  
 Location: [Location]

REGION VI

PROJECT DESIGNATION:

PROJECT DESIGNATION:

MINNESOTA 1006 MARTIN

*Antennas, etc.*

NAME:

*Salina, Kansas*

ADDRESS:

*West Hallway, Antenna*

CORRESPONDENT:

Carl Schneider  
Frost, Minnesota

*Phone 32 Home*

COOPERATIVES:

Minnesota 37 Jackson  
53 Waseca-Steele  
54 Faribault  
55 Cottonwood  
61 Freeborn  
66 Nobles  
71 Blue Earth

DEFENSE ITEMS:

Not yet determined.

TYPE OF POWER:

TYPE OF POWER:

TOTAL ESTIMATED COST:

\$1,500,000

PRESENT STATUS:

*Being developed.*

PRESENT STATUS:

Being written up for Allotment.

REMARKS:

Harold A. Edman  
Fairmont, Minnesota



# THE STATE

THE STATE OF NEW YORK

IN SENATE

JANUARY

1890

REPORT OF THE

COMMISSIONER OF THE LAND OFFICE

IN RESPONSE TO A RESOLUTION

ADOPTED BY THE SENATE  
 IN JANUARY, 1889  
 CONCERNING THE  
 LANDS BELONGING TO THE STATE  
 AND THE MANNER OF  
 THEIR DISPOSITION

ALBANY: J. B. LEECH, 1890.

PRINTED BY THE SENATE

UNDER THE SUPERVISION OF THE

COMMISSIONER OF THE LAND OFFICE

IN RESPONSE TO A RESOLUTION

ADOPTED BY THE SENATE

IN JANUARY, 1889

ALBANY

J. B. LEECH, 1890.

REGION VII

PROJECT DESIGNATION: KANSAS 43

NAME: Electric Cooperative  
Association, Inc.

ADDRESS: Salina, Kansas

CORRESPONDENT: Matt Guilfoyle, Attorney  
Abilene, Kansas

MEMBER COOPERATIVES: Kansas 32 Reno  
25 Lyon  
7 Jewell  
15 Dickinson  
22 Doniphan  
26 Coffey  
37 McPherson

DEFENSE ITEMS:

TYPE OF POWER:

TOTAL ESTIMATED COST:

PRESENT STATUS: Being developed.

REMARKS:

Matt Guilfoyle  
Abilene, Kansas

THE STATE

CHAPTER 1

ARTICLE I

SECTION 1

SECTION 1

SECTION 2

SECTION 2

SECTION 3

SECTION 3

SECTION 4

SECTION 4

SECTION 5

SECTION 6

SECTION 7

SECTION 8

SECTION 9

SECTION 10

SECTION 11

SECTION 12

SECTION 13

SECTION 14

SECTION 15

SECTION 16



NAME: \_\_\_\_\_

ADDRESS :

CORRESPONDENT:

MEMBER COOPERATIVES:

20 Delta 100

32 LaPlata

33 Dolores

34 Eagle

Mineral areas

Being developed

1875

THE REPORT

REPORT OF THE

COMMISSION

ON THE

STATE OF THE

UNION

IN THE

YEAR 1890

AND

THE

PROGRESS

OF THE

PEOPLE

OF THE

UNITED STATES

IN THE

YEAR 1890

AND

THE

PROGRESS

OF THE

PEOPLE

REGION VIII

PROJECT DESIGNATION: ARKANSAS 32 BENTON

NAME: KAMC Electric Cooperative, Inc.

ADDRESS: Vinita, Oklahoma

CORRESPONDENT: E. H. Looney, Chairman

COOPERATIVES:

|          |               |
|----------|---------------|
| Arkansas | 13 Jackson    |
|          | 18 Carroll    |
|          | 24 Washington |
| Oklahoma | 19 Craig      |
|          | 23 Okmulgee   |
|          | 24 Lincoln    |
|          | 25 Rogers     |
|          | 28 Pawnee     |
| Missouri | 28 Barton     |
|          | 30 Lawrence   |
|          | 46 Taney      |
|          | 48 Newton     |
|          | 53 Polk       |
|          | 55 Cedar      |
| Kansas   | 31 Crawford   |

DEFENSE ITEMS: Proposed zinc smelting plant  
Mineral areas  
Aluminum Plant

TYPE OF POWER: Transmission only  
Pensacola Dam

TOTAL ESTIMATED COST: \$1,800,000

MILES OF TRANSMISSION LINE: 300

PRESENT STATUS: \$258,000 allotted.  
Balance on order.

REMARKS: Engineering study prepared by  
Midwestern Engineering & Const. Co.  
Tulsa, Oklahoma

Wilbur L. Morse  
Vinita, Oklahoma

Frank Horton & Co.  
Lamar, Missouri  
Associate Engineers





REGION VIII

PROJECT DESIGNATION: LOUISIANA 21G WEBSTER

NAME: The Ark-La Electric Cooperative, Inc.

ADDRESS: Homer, Louisiana

CORRESPONDENT: R. I. Davis, Chairman

COOPERATIVES:

|           |    |            |
|-----------|----|------------|
| Arkansas  | 12 | Miller     |
|           | 21 | Lincoln    |
|           | 27 | Ouachita   |
|           | 29 | Clark      |
|           | 31 | Ashley     |
| Louisiana | 7  | Grant      |
|           | 11 | Bossier    |
|           | 12 | Franklin   |
|           | 17 | Claiborne  |
|           | 18 | Beauregard |

DEFENSE ITEMS: Proposed munition plant  
Aluminum plant

SOURCE OF POWER: Gas

TOTAL ESTIMATED COST: \$2,864,000

MILES OF TRANSMISSION LINE: 544

INSTALLED CAPACITY: 12,000 KW

TOTAL GENERATION AND TRANSMISSION COST: .00642¢/kwh

PRESENT STATUS: \$520,000 allotted.  
Balance written up.

REMARKS: Engineering study prepared by  
Ray W. Chanaberry, Inc.  
Louisville, Kentucky  
Associated Engineers of Kentucky

Thomas B. Fitzhugh  
Pyramid Bldg.  
Little Rock, Arkansas

# TABLE III

| ESTIMATED COSTS                         | ACTUAL COSTS |
|---|--------------|
| The American Electric Corporation, Inc. | 1931         |
| New York, New York                      | 1932         |
| A. J. Davis, Chairman                   | 1933         |
| Admission to Miller                     | 1934         |
| 1935                                    | 1935         |
| 1936                                    | 1936         |
| 1937                                    | 1937         |
| 1938                                    | 1938         |
| 1939                                    | 1939         |
| 1940                                    | 1940         |
| 1941                                    | 1941         |
| 1942                                    | 1942         |
| 1943                                    | 1943         |
| 1944                                    | 1944         |
| 1945                                    | 1945         |
| 1946                                    | 1946         |
| 1947                                    | 1947         |
| 1948                                    | 1948         |
| 1949                                    | 1949         |
| 1950                                    | 1950         |



REGION VIII

PROJECT DESIGNATION:

MISSOURI 580

NAME:

ADDRESS:

CORRESPONDENT:

COOPERATIVES:

Missouri 18 Texas  
19 Boone  
20 Marion  
22 Howard  
23 Lewis  
24 Gallaway  
26 Ralls  
34 Macon  
35 Adair  
36 Audrain  
40 Pettis  
43 LaClede  
45 Osage  
54 Crawford Lincoln

DEFENSE ITEMS:

Training camps

TYPE OF POWER:

TOTAL ESTIMATED COST:

PRESENT STATUS:

Not set up.

REMARKS:

Lucius W. Robb  
Perryville, Missouri

UNIT 1

UNIT 2

UNIT 3

UNIT 4

UNIT 5

UNIT 6

UNIT 7

UNIT 8

UNIT 9

UNIT 10

UNIT 11

UNIT 12

UNIT 13

UNIT 14

UNIT 15

UNIT 16

UNIT 17

UNIT 18

UNIT 19

UNIT 20

UNIT 21

UNIT 22

UNIT 23

UNIT 24

UNIT 25

UNIT 26

UNIT 27

UNIT 28

UNIT 29

REGION VIII

PROJECT DESIGNATION: OKLAHOMA 32 COMANCHE

NAME: Western Electric Cooperative, Inc.

ADDRESS: Cyril, Oklahoma

CORRESPONDENT: Tom Moran, President

COOPERATIVES: Oklahoma 26 Harmon  
18 Beckham  
21 Washita  
1 Kingfisher  
10 Cleveland  
22 Cotton  
15 Tillman  
20 Garvin  
6 Caddo

DEFENSE ITEMS: 150 officers' houses at Fort Sill  
Camp Reno  
Proposed \$10,000,000 bomber plant.  
Proposed airplane reconditioning  
plant.

TYPE OF POWER: Steam

TOTAL ESTIMATED COST: \$3,700,000

MILES OF TRANSMISSION  
LINE: 392

TOTAL GENERATION  
AND TRANSMISSION  
COST .701¢/kwh

PRESENT STATUS: On order.

REMARKS:

William C. Austin  
Altus, Oklahoma





REGION X

PROJECT DESIGNATION: TEXAS 1176-UPSHUR

NAME: Farmers Electric Generating  
Cooperative, Inc.

ADDRESS: Gilmer, Texas

CORRESPONDENT: H. P. McGaughy

MEMBER COOPERATIVES: Texas 30 Upshur  
40 Bowie  
41 Panola  
54 Wood  
65 Rusk  
67 Rains-Rockwall  
78 Cherokee

DEFENSE ITEMS: Proposed shell loading plant

TYPE OF POWER: Diesel

TOTAL ESTIMATED COST: \$1,700,000

CAPACITY OF PLANT: 10,000 KW

TRANSMISSION LINE: 234 miles  
(34.5 KV)

ESTIMATED GENERATION  
AND TRANSMISSION COST: .76¢/kwh

PRESENT STATUS: \$250,000 allotted.  
Balance on order

REMARKS: Propose to tie in with Denison  
Dam.

Messrs. Florence & Florence  
Gilmer, Texas





REGION X

PROJECT DESIGNATION: TEXAS 121A BRAZOS

NAME: Brazos River Transmission  
Electric Cooperative, Inc.

ADDRESS: Itasca, Texas

CORRESPONDENT: E. D. H. Farrow, President

MEMBER COOPERATIVES: Texas 68 Cooke  
69 Erath  
71 Clay  
74 Seymour Public  
77 Johnson  
85 Wise  
86 Comanche  
98 Young  
101 Parker  
38 Hill  
45 Limestone  
49 Denton  
53 McLennan

DEFENSE ITEMS: 2 proposed army camps

TYPE OF POWER: Hydro (Possum Kingdom Dam)

MILES OF TRANSMISSION  
LINE: 664

TOTAL ESTIMATED COST: \$1,550,000

PRESENT STATUS: \$250,000 allotted.  
Balance on order.

Paul T. McMahon (principal)  
1112 Texas Bank Building  
Dallas, Texas,

Carlton J. Smith  
909 Amicable Bldg.  
Waco, Texas









U.S. Rural electrification admin.  
Report of progress of generating-transmission cooperative  
porgram. 1941.

Date

Borrower's name



